

ABSTRACT

ELECTRONIC COMPONENT HAVING A RESONATOR ELEMENT
ARRANGED IN AN HERMETICALLY CLOSED HOUSING AND METHOD
FOR MANUFACTURING SUCH AN ELECTRONIC COMPONENT

The electronic component (1) includes at least one resonator element (5) arranged in a housing (8) of a case. The case includes a main part (2) with a base (20) and at least one lateral wall (3) of annular shape, and a cover (4) fixed onto the main part to hermetically seal the housing of the case. One portion of the cover is
5 transparent to a determined wavelength of a light beam to allow the resonator element to be optically adjusted once the case is sealed. The cover is fixed onto a rim (7) of the lateral wall (3) of the main part, which is preferably made of a ceramic material, such that one part of the rim preferably surrounds the entire lateral surface of the
10 cover (4) to ensure protection of the electronic component against lateral shocks.

(Figure 2)